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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/982,906	10/18/2001	Kevin Owen	10012753-1	8521

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
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EXAMINER

BLACKMAN, ANTHONY J

ART UNIT	PAPER NUMBER
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2676

DATE MAILED: 02/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/982,906	<b>Applicant(s)</b> OWEN, KEVIN	
	<b>Examiner</b> ANTHONY J BLACKMAN	<b>Art Unit</b> 2676	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 September 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-23,25,26,28,29,31 and 32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23,25,26 and 28-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments with respect to claim 1-23, 25-26, 28-29 and 31-32 have been considered but are moot in view of the new ground(s) of rejection. After further search and consideration of prior art relating specifically to applicant's arguments examiner presents NISHIKAWA, US Patent No. 6,486,968 anticipating claims 1-23, 25-26, 28-29 and 31-32. Therefore, this office action is Non-Final.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-23, 25-26, 28-29 and 31-32 are rejected under 35 U.S.C. 102(e) as being anticipated by NISHIKAWA.

4. As per claim 1, examiner interprets NISHIKAWA to disclose as claimed A method for facilitating display of a graphic on an electrical device (see the at least figure 2, elements 201-206, especially element 205 that transfers acquired

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information to animation program and (column 1, line 62-column 2, line 13 – the image means and display means represent the graphic as disclosed and figure 3 representing a more detailed figure 2, element 205 - column 7, lines 31-39), comprising:

receiving from a user a selection of graphical data representing a graphic to be transmitted to an electrical device that is one of a printer, a photocopier, a facsimile machine, a multifunction peripheral, and a network appliance (the at least underlined feature is met by figure 2 as elements 201-206 disclose communication between a printer and a host computer (column 5, line 52-column 6, line 3)); and facilitating transmission of the graphical data representing the graphic to the electrical device (figure 2, elements 201-206 meet the limitation via communication between the host computer and printer (see at least column 5, line 52-column 6, line 3)

such that the electrical device can display the graphic in a control panel display (are represented as a windows of the status monitors) of the electrical device (the means of figure 3, element 304 is shown at least via figures 8-16 and column 7, lines 31-39).

5. As per claim 2, NISHIKAWA meets limitations of claim 1, including, wherein receiving a selection comprises receiving an identification of a location of the graphical data (column 1, lines 55-62, column 2, lines 24-31, column 2, line 66-column 3, line 4 and lines 38-43 each disclose detecting means comprising detecting paper transmitted position, and animation that simulate the transport of the paper sheet).

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6. As per claim 3, NISHIKAWA meets limitations of claim 2, including, wherein the graphical data (graphic data is represented as images and graphics – column 4, lines 45-57) is located at a remote location that is accessible via a network (teach a network such as a LAN of figure 1 – column 4, lines 45-57).

7. As per claim 4, NISHIKAWA meets limitations of claim 1, including, wherein facilitating transmission of the graphical data comprises transmitting the graphical data along with a print job to be performed by the electrical device (column 5, line 52-column 6, line 10 disclose at least printer indicators followed by test printing).

8. As per claim 5, NISHIKAWA meets limitations of claim 5, including, wherein the graphical data comprises two or more frames in GIF89a format that can be displayed in sequence to create an animation (column 2, lines 23-31 disclose a start and ending animation control simulating the transportation of the paper sheet).

9. As per claim 6, NISHIKAWA meets limitations of claim 1, including, further comprising receiving a user selection as to when the graphic is to be displayed by the electrical device and transmitting an indication of that selection to the electrical device (the at least column 2, lines 24-31 disclose the animation controls that controls the start or end of an animation).

10. As per claim 7, NISHIKAWA meets limitations of claim 6, including, wherein receiving a user selection as to when the graphic is to be displayed comprises receiving an indication of an electrical device state during which the graphic is to be displayed (figures 8-16 disclose the graphical device state of the

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printing paper transport status (please see column 7, lines 31-39) that are based on the control flow process of the printer control system - figures 2-4 – please see column 5, line 52-column 6, line 10).

11. As per claim 8, NISHIKAWA meets limitations of claim 7, including, wherein the electrical device state comprises at least one of an initialization state, a ready state, an operating state, and a power save state (the at least underlined feature is the first of each of the features anticipated, please see at least column 6, lines 7-10).

12. As per claim 9, claim 9 is substantially similar to claim 1.

13. As per claim 10, claim 10 is substantially similar to claim 3.

14. As per claim 11, claim 11 is substantially similar to claim 4.

15. As per claim 12, claim 12 is substantially similar to claim 5.

16. As per claim 13, NISHIKAWA meet limitations of claim 9, including, further comprising means for receiving a user selection as to an electrical device state during which the graphic is to be displayed (column 6, lines 46-54 – the animation program discloses and displays printer status).

17. As per claim 14, examiner interprets NISHIKAWA to meet the following limitations,

A method for facilitating display of a graphic on an electrical device (see the at least figure 2, elements 201-206, especially element 205 that transfers acquired information to animation program and (column 1, line 62-column 2, line 13 – the image means and display means represent the graphic as disclosed and figure 3 representing a more detailed figure 2, element 205 - column 7, lines 31-39),

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comprising: receiving graphical data using an electrical device that is one of a printer, photocopier, a facsimile machine, a multifunction peripheral, and a network appliance, the graphical data having been selected by a user from a computing device (the at least underlined feature is met by figure 2 as elements 201-206 disclose communication between a printer and a host computer (column 5, line 52-column 6, line 3));

receiving an indication as to how a graphic represented by the selected graphical data is to be displayed (please see figures 8-16 for explanatory views of the invention providing ...technique[s] for indicating to a user a status of the apparatus..." (column 1, lines 13-14)" and figures 8-16 are based on the "...control flow of the process in the printer control system (column 5, lines 52-54)" figures and figures 8-16 show stages of various states of the paper in the printer control process);

and displaying the graphic in a control panel display of the electrical device according to the received indication as to how the graphic is to be displayed (once again, please see figures 8-16 for explanatory views of the invention providing ...technique[s] for indicating to a user a status of the apparatus..." (column 1, lines 13-14)" and figures 8-16 are based on the "...control flow of the process in the printer control system (column 5, lines 52-54)" and figures 8-16 show/display stages of various states of the paper in the printer control process) .

18. As per claim 15, claim 5 is substantially similar to claim 15.

19. As per claim 16, NISHIKAWA meets limitations of claim 14, including, wherein receiving an indication as to how the graphic is to be displayed

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comprises receiving an indication of an electrical device state during which the graphic is to be displayed receiving an indication as to how a graphic represented by the selected graphical data is to be displayed (please see figures 8-16 for explanatory views of the invention providing ...technique[s] for indicating to a user a status of the apparatus..." (column 1, lines 13-14)" and figures 8-16 are based on the "...control flow of the process in the printer control system (column 5, lines 52-54)" figures and figures 8-16 show stages of various states of the paper in the printer control process).

20. As per claim 17, claim 8 is substantially similar to claim 17
21. As per claim 18, claims 5 and 12 are both substantially similar to claim 18.
22. As per claim 19, claim 14 is substantially similar to claim 19.
23. As per claim 20, each of claims 4, 11 and 15 are substantially similar to claim 20.
24. As per claim 21, claim 16 is substantially similar to claim 21.
25. As per claim 22, NISHIKAWA meets limitations of claim 1, including, wherein facilitating transmission comprises facilitating transmission of the graphical data to a printing device (see the at least figure 2, elements 201-206, especially element 205 that transfers acquired information to an animation program and (column 1, line 62-column 2, line 13 – discuss sending data to the printer means column 5, lines 56-58).
26. As per claim 23, claim 22 is substantially similar to claim 23.
27. As per claim 25, claim 22 is substantially similar to claim 25.
28. As per claim 26, claim 22-23 are both substantially similar to claim 26.



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29. As per claim 28, NISHIKAWA meets limitations of claim 14, wherein displaying the graphic in a device control panel comprises displaying the graphic in a printing device control panel (the means of figure 3, element 304 is shown at least via figures 8-16 and column 7, lines 31-39)

30. As per claim 29, claim 28 is substantially similar to claim 29.

31. As per claim 31, claims 28-29 are substantially similar to claim 31.

32. As per claim 32, claims 28-29 and 31 are substantially similar to claim 32.

### ***Conclusion***

33. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. SIMPSON et al, US Patent Application Publication, Pub. No. US 2003/0072025 and ROOSEN et al, US Patent No. 6,618,163 solve similar problems displaying status, indications and graphics, respectively, related to print messages and print outputs (figures 3 and figure 8 , respectively).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY J BLACKMAN whose telephone number is 703-305-0833. The examiner can normally be reached on FLEX SCHEDULE.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MATTHEW BELLA can be reached on 703-308-6829. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



ANTHONY J BLACKMAN  
Examiner  
Art Unit 2676

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